

HOME COPY

PCT

## REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

Rec'd PCT/PTO 27 MAY 2005 PCT/US 03/38168 International Application 28 NOV 2003 (28.11.03) International Filing Date PCT/US 03/38168 APPLICATION RO/US
--

Applicant's or agent's file reference  
(if desired) (12 characters maximum) 066744-0028

<b>Box No. I TITLE OF INVENTION</b>	
AMORPHOUS SELENIUM DETECTOR FOR TOMOTHERAPY AND OTHER IMAGE-GUIDED RADIOTHERAPY SYSTEMS	
<b>Box No. II APPLICANT</b> <input type="checkbox"/> This person is also inventor	
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)	
TOMOTHERAPY INCORPORATED 1240 Deming Way Madison, Wisconsin 53717-1954 United States of America	
Telephone No. 608-824-2800	Facsimile No. 608-824-2996
Teleprinter No.	
Applicant's registration No. with the Office	
State (that is, country) of nationality: US	State (that is, country) of residence: US
This person is applicant for the purposes of: <input type="checkbox"/> all designated States <input checked="" type="checkbox"/> all designated States except the United States of America <input type="checkbox"/> the United States of America only <input type="checkbox"/> the States indicated in the Supplemental Box	
<b>Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)</b>	
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)	
FANG, Guang Y. 2 Naylor Circle Madison, Wisconsin 53719 United States of America	
This person is: <input type="checkbox"/> applicant only <input checked="" type="checkbox"/> applicant and inventor <input type="checkbox"/> inventor only (If this check-box is marked, do not fill in below.)	
Applicant's registration No. with the Office	
State (that is, country) of nationality: US	State (that is, country) of residence: US
This person is applicant for the purposes of: <input type="checkbox"/> all designated States <input type="checkbox"/> all designated States except the United States of America <input checked="" type="checkbox"/> the United States of America only <input type="checkbox"/> the States indicated in the Supplemental Box	
<input checked="" type="checkbox"/> Further applicants and/or (further) inventors are indicated on a continuation sheet.	
<b>Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE</b>	
The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: <input checked="" type="checkbox"/> agent <input type="checkbox"/> common representative	
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)	
BAXTER, William K. GODFREY & KAHN, S.C. 780 N. Water Street Milwaukee, Wisconsin 53202 United States of America	
Telephone No. 414-273-3500	Facsimile No. 414-273-5198
Teleprinter No.	
Agent's registration No. with the Office 41,606	
<input type="checkbox"/> Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.	

**Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)**

*If none of the following sub-boxes is used, this sheet should not be included in the request.*

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

MACKIE, Thomas R.  
7763 Solstice Court  
Verona, Wisconsin 53593  
United States of America

This person is:

- ☐ applicant only  
☒ applicant and inventor  
☐ inventor only (If this check-box is marked, do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality:

US

State (that is, country) of residence:

US

This person is applicant for the purposes of:

- ☐ all designated States ☐ all designated States except the United States of America ☒ the United States of America only ☐ the States indicated in the Supplemental Box

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

SPENCE, David A.  
W28776 Vernon Drive  
Hartland, Wisconsin 53029  
United States of America

This person is:

- ☐ applicant only  
☒ applicant and inventor  
☐ inventor only (If this check-box is marked, do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality:

US

State (that is, country) of residence:

US

This person is applicant for the purposes of:

- ☐ all designated States ☐ all designated States except the United States of America ☒ the United States of America only ☐ the States indicated in the Supplemental Box

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

HARPER, Brent  
20 Winnie Avenue  
Prairie du Sac, Wisconsin 53578  
United States of America

This person is:

- ☐ applicant only  
☒ applicant and inventor  
☐ inventor only (If this check-box is marked, do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality:

US

State (that is, country) of residence:

US

This person is applicant for the purposes of:

- ☐ all designated States ☐ all designated States except the United States of America ☒ the United States of America only ☐ the States indicated in the Supplemental Box

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

This person is:

- ☐ applicant only  
☐ applicant and inventor  
☐ inventor only (If this check-box is marked, do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality:

State (that is, country) of residence:

This person is applicant for the purposes of:

- ☐ all designated States ☐ all designated States except the United States of America ☐ the United States of America only ☐ the States indicated in the Supplemental Box

☐ Further applicants and/or (further) inventors are indicated on another continuation sheet.

The following designations are hereby made under Rule 4.9(a):

**Regional Patent**

- ☒ **AP ARIPO Patent:** GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, MZ Mozambique, SD Sudan, SL Sierra Leone, SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZM Zambia, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT (if other kind of protection or treatment desired, specify on dotted line) .....
- ☒ **EA Eurasian Patent:** AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT
- ☒ **EP European Patent:** AT Austria, BE Belgium, BG Bulgaria, CH & LI Switzerland and Liechtenstein, CY Cyprus, CZ Czech Republic, DE Germany, DK Denmark, EE Estonia, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, HU Hungary, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, RO Romania, SE Sweden, SI Slovenia, SK Slovakia, TR Turkey, and any other State which is a Contracting State of the European Patent Convention and of the PCT
- ☒ **OA OAPI Patent:** BF Burkina Faso, BJ Benin, CF Central African Republic, CG Congo, CI Côte d'Ivoire, CM Cameroon, GA Gabon, GN Guinea, GQ Equatorial Guinea, GW Guinea-Bissau, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad, TG Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (if other kind of protection or treatment desired, specify on dotted line) .....

**National Patent** (if other kind of protection or treatment desired, specify on dotted line):

- |   |  |   |
|---|--|---|
| <input checked="" type="checkbox"/> AE United Arab Emirates               | <input checked="" type="checkbox"/> HR Croatia                                   | <input checked="" type="checkbox"/> OM Oman                             |
| <input checked="" type="checkbox"/> AG Antigua and Barbuda                | <input checked="" type="checkbox"/> HU Hungary                                   | <input checked="" type="checkbox"/> PG Papua New Guinea                 |
| <input checked="" type="checkbox"/> AL Albania                            | <input checked="" type="checkbox"/> ID Indonesia                                 | <input checked="" type="checkbox"/> PH Philippines                      |
| <input checked="" type="checkbox"/> AM Armenia                            | <input checked="" type="checkbox"/> IL Israel                                    | <input checked="" type="checkbox"/> PL Poland                           |
| <input checked="" type="checkbox"/> AT Austria                            | <input checked="" type="checkbox"/> IN India                                     | <input checked="" type="checkbox"/> PT Portugal                         |
| <input checked="" type="checkbox"/> AU Australia                          | <input checked="" type="checkbox"/> IS Iceland                                   | <input checked="" type="checkbox"/> RO Romania                          |
| <input checked="" type="checkbox"/> AZ Azerbaijan                         | <input checked="" type="checkbox"/> JP Japan                                     | <input checked="" type="checkbox"/> RU Russian Federation               |
| <input checked="" type="checkbox"/> BA Bosnia and Herzegovina             | <input checked="" type="checkbox"/> KE Kenya                                     |   |
| <input checked="" type="checkbox"/> BB Barbados                           | <input checked="" type="checkbox"/> KG Kyrgyzstan                                | <input checked="" type="checkbox"/> SC Seychelles                       |
| <input checked="" type="checkbox"/> BG Bulgaria                           | <input checked="" type="checkbox"/> KP Democratic People's Republic of Korea     | <input checked="" type="checkbox"/> SD Sudan                            |
| <input checked="" type="checkbox"/> BR Brazil                             | <input checked="" type="checkbox"/> KR Republic of Korea                         | <input checked="" type="checkbox"/> SE Sweden                           |
| <input checked="" type="checkbox"/> BY Belarus                            | <input checked="" type="checkbox"/> KZ Kazakhstan                                | <input checked="" type="checkbox"/> SG Singapore                        |
| <input checked="" type="checkbox"/> BZ Belize                             | <input checked="" type="checkbox"/> LC Saint Lucia                               | <input checked="" type="checkbox"/> SK Slovakia                         |
| <input checked="" type="checkbox"/> CA Canada                             | <input checked="" type="checkbox"/> LK Sri Lanka                                 | <input checked="" type="checkbox"/> SL Sierra Leone                     |
| <input checked="" type="checkbox"/> CH & LI Switzerland and Liechtenstein | <input checked="" type="checkbox"/> LR Liberia                                   | <input checked="" type="checkbox"/> SY Syrian Arab Republic             |
| <input checked="" type="checkbox"/> CN China                              | <input checked="" type="checkbox"/> LS Lesotho                                   | <input checked="" type="checkbox"/> TJ Tajikistan                       |
| <input checked="" type="checkbox"/> CO Colombia                           | <input checked="" type="checkbox"/> LT Lithuania                                 | <input checked="" type="checkbox"/> TM Turkmenistan                     |
| <input checked="" type="checkbox"/> CR Costa Rica                         | <input checked="" type="checkbox"/> LU Luxembourg                                | <input checked="" type="checkbox"/> TN Tunisia                          |
| <input checked="" type="checkbox"/> CU Cuba                               | <input checked="" type="checkbox"/> LV Latvia                                    | <input checked="" type="checkbox"/> TR Turkey                           |
| <input checked="" type="checkbox"/> CZ Czech Republic                     | <input checked="" type="checkbox"/> MA Morocco                                   | <input checked="" type="checkbox"/> TT Trinidad and Tobago              |
| <input checked="" type="checkbox"/> DE Germany                            | <input checked="" type="checkbox"/> MD Republic of Moldova                       | <input checked="" type="checkbox"/> TZ United Republic of Tanzania      |
| <input checked="" type="checkbox"/> DK Denmark                            | <input checked="" type="checkbox"/> MG Madagascar                                | <input checked="" type="checkbox"/> UA Ukraine                          |
| <input checked="" type="checkbox"/> DM Dominica                           | <input checked="" type="checkbox"/> MK The former Yugoslav Republic of Macedonia | <input checked="" type="checkbox"/> UG Uganda                           |
| <input checked="" type="checkbox"/> DZ Algeria                            | <input checked="" type="checkbox"/> MN Mongolia                                  | <input checked="" type="checkbox"/> US United States of America         |
| <input checked="" type="checkbox"/> EC Ecuador                            | <input checked="" type="checkbox"/> MW Malawi                                    | <input checked="" type="checkbox"/> UZ Uzbekistan                       |
| <input checked="" type="checkbox"/> EE Estonia                            | <input checked="" type="checkbox"/> MX Mexico                                    | <input checked="" type="checkbox"/> VC Saint Vincent and the Grenadines |
| <input checked="" type="checkbox"/> ES Spain                              | <input checked="" type="checkbox"/> MZ Mozambique                                | <input checked="" type="checkbox"/> VN Viet Nam                         |
| <input checked="" type="checkbox"/> FI Finland                            | <input checked="" type="checkbox"/> NI Nicaragua                                 | <input checked="" type="checkbox"/> YU Serbia and Montenegro            |
| <input checked="" type="checkbox"/> GB United Kingdom                     | <input checked="" type="checkbox"/> NO Norway                                    | <input checked="" type="checkbox"/> ZA South Africa                     |
| <input checked="" type="checkbox"/> GD Grenada                            | <input checked="" type="checkbox"/> NZ New Zealand                               | <input checked="" type="checkbox"/> ZM Zambia                           |
| <input checked="" type="checkbox"/> GE Georgia                            |  | <input checked="" type="checkbox"/> ZW Zimbabwe                         |
| <input checked="" type="checkbox"/> GH Ghana                              |  |   |
| <input checked="" type="checkbox"/> GM Gambia                             |  |   |

Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet:

☐ ..... ☐ ..... ☐ .....

**Precautionary Designation Statement:** In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)

**Box No. VI PRIORITY CLAIM**

The priority of the following earlier application(s) is hereby claimed:

Filing date of earlier application (day/month/year)	Number of earlier application	Where earlier application is:		
		national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office
item (1) 27 November 2002	60/429,637	US		
item (2)				
item (3)				
item (4)				
item (5)				

☐ Further priority claims are indicated in the Supplemental Box.

The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of this international application is the receiving Office) identified above as:

☐ all items    ☒ item (1)    ☐ item (2)    ☐ item (3)    ☐ item (4)    ☐ item (5)    ☐ other, see Supplemental Box

\* Where the earlier application is an ARIPO application, indicate at least one country party to the Paris Convention for the Protection of Industrial Property or one Member of the World Trade Organization for which that earlier application was filed (Rule 4.10(b)(ii)): . . . .

**Box No. VII INTERNATIONAL SEARCHING AUTHORITY**

Choice of International Searching Authority (ISA) (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used):

ISA / US

Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority):

Date (day/month/year)

Number

Country (or regional Office)

**Box No. VIII DECLARATIONS**

The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable check-boxes below and indicate in the right column the number of each type of declaration):

Number of  
declarations

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Box No. VIII (i)   | Declaration as to the identity of the inventor   | : |
| <input type="checkbox"/> Box No. VIII (ii)  | Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent             | : |
| <input type="checkbox"/> Box No. VIII (iii) | Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application | : |
| <input type="checkbox"/> Box No. VIII (iv)  | Declaration of inventorship (only for the purposes of the designation of the United States of America)                               | : |
| <input type="checkbox"/> Box No. VIII (v)   | Declaration as to non-prejudicial disclosures or exceptions to lack of novelty   | : |

**Box No. IX CHECK LIST; LANGUAGE OF FILING**

This international application contains:	This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):	Number of items
(a) <b>in paper form</b> , the following number of sheets:	1. <input checked="" type="checkbox"/> fee calculation sheet	1
request (including declaration sheets) : 5	2. <input checked="" type="checkbox"/> original separate power of attorney	2
description (excluding sequence listings and/or tables related thereto) : 20	3. <input type="checkbox"/> original general power of attorney	
claims : 2	4. <input checked="" type="checkbox"/> copy of general power of attorney; reference number, if any: .....	1
abstract : 1	5. <input checked="" type="checkbox"/> statement explaining lack of signature	1
drawings : 9	6. <input type="checkbox"/> priority document(s) identified in Box No. VI as item(s): .....	
<b>Sub-total number of sheets</b> : 37	7. <input type="checkbox"/> translation of international application into (language): .....	
sequence listings : .....	8. <input type="checkbox"/> separate indications concerning deposited microorganism or other biological material	
tables related thereto : .....	9. <input type="checkbox"/> sequence listings in computer readable form (indicate type and number of carriers)	
(for both, actual number of sheets if filed in paper form, whether or not also filed in computer readable form; see (c) below)	(i) <input type="checkbox"/> copy submitted for the purposes of international search under Rule 13ter only (and not as part of the international application) :	
<b>Total number of sheets</b> : 37	(ii) <input type="checkbox"/> (only where check-box (b)(i) or (c)(i) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Rule 13ter :	
(b) <input type="checkbox"/> <b>only in computer readable form</b> (Section 801(a)(i))	(iii) <input type="checkbox"/> together with relevant statement as to the identity of the copy or copies with the sequence listings mentioned in left column :	
(i) <input type="checkbox"/> sequence listings	10. <input type="checkbox"/> tables in computer readable form related to sequence listings (indicate type and number of carriers)	
(ii) <input type="checkbox"/> tables related thereto	(i) <input type="checkbox"/> copy submitted for the purposes of international search under Section 802(b-quater) only (and not as part of the international application) :	
(c) <input type="checkbox"/> <b>also in computer readable form</b> (Section 801(a)(ii))	(ii) <input type="checkbox"/> (only where check-box (b)(ii) or (c)(ii) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Section 802(b-quater) :	
(i) <input type="checkbox"/> sequence listings	(iii) <input type="checkbox"/> together with relevant statement as to the identity of the copy or copies with the tables mentioned in left column :	
(ii) <input type="checkbox"/> tables related thereto	11. <input checked="" type="checkbox"/> other (specify): ..Transmittal Letter, Return Receipt Postcard	2
<b>Type and number of carriers</b> (diskette, CD-ROM, CD-R or other) on which are contained the		
<input type="checkbox"/> sequence listings: .....		
<input type="checkbox"/> tables related thereto: .....		
(additional copies to be indicated under items 9(ii) and/or 10(ii), in right column)		

Figure of the drawings which should accompany the abstract: 1

Language of filing of the international application: ENGLISH

**Box No. X SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE**

Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).

By:

William K. Baxter  
Reg. No. 41,606

Date:

28 November 2003

For receiving Office use only

(28.11.03)

1. Date of actual receipt of the purported international application: DT04 Rec'd PCT/PTO 28 NOV 2003	2. Drawings: <input type="checkbox"/> received:  <input type="checkbox"/> not received:
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:	
4. Date of timely receipt of the required corrections under PCT Article 11(2):	
5. International Searching Authority (if two or more are competent): ISA/US	
6. <input type="checkbox"/> Transmittal of search copy delayed until search fee is paid	

For International Bureau use only

Date of receipt of the record copy by the International Bureau:

PCT

FEE CALCULATION SHEET

Annex to the Request

For receiving Office use only

PCT/US 03/38168

International Application No.

28 NOV 2003 (28.11.03)

Date stamp of the receiving Office

Applicant's or agent's  
file reference

066744-0028

Applicant

TOMOTHERAPY INCORPORATED

CALCULATION OF PRESCRIBED FEES

1. TRANSMITTAL FEE . . . . . 240 T

2. SEARCH FEE . . . . . 700 S

International search to be carried out by US  
(If two or more International Searching Authorities are competent to carry out the international search, indicate the name of the Authority which is chosen to carry out the international search.)

3. INTERNATIONAL FEE

Basic Fee

Where items (b) and/or (c) of Box No. IX apply, enter Sub-total number of sheets } 37  
Where items (b) and (c) of Box No. IX do not apply, enter Total number of sheets }

b1 first 30 sheets . . . . . 476 b1

b2 7 x 12 = 84 b2  
number of sheets in excess of 30 fee per sheet

b3 additional component (only if sequence listings and/or tables related thereto are filed in computer readable form under Section 801(a)(i), or both in that form and on paper, under Section 801(a)(ii)):

400 x                      =                      b3  
fee per sheet

Add amounts entered at b1, b2 and b3 and enter total at B . . . . . 560 B

Designation Fees

The international application contains All designations.

5 x 104 = 520 D  
number of designation fees payable (maximum 5) amount of designation fee

Add amounts entered at B and D and enter total at I . . . . . 1080 I

(Applicants from certain States are entitled to a reduction of 75% of the international fee. Where the applicant is (or all applicants are) so entitled, the total to be entered at I is 25% of the sum of the amounts entered at B and D.)

4. FEE FOR PRIORITY DOCUMENT (if applicable) . . . . . 20 P

5. TOTAL FEES PAYABLE . . . . . USD 2,040.00

Add amounts entered at T, S, I and P, and enter total in the TOTAL box

TOTAL

☐ The designation fees are not paid at this time.

MODE OF PAYMENT

- ☒ authorization to charge deposit account (see below) ☐ postal money order ☐ cash ☐ coupons  
☐ cheque ☐ bank draft ☐ revenue stamps ☐ other (specify):

AUTHORIZATION TO CHARGE (OR CREDIT) DEPOSIT ACCOUNT

(This mode of payment may not be available at all receiving Offices)

- ☒ Authorization to charge the total fees indicated above.  
☒ (This check-box may be marked only if the conditions for deposit accounts of the receiving Office so permit) Authorization to charge any deficiency or credit any overpayment in the total fees indicated above.  
☒ Authorization to charge the fee for priority document.

Receiving Office: RO/ US

Deposit Account No.: 07-1509

Date: 28 November 2003

Name: William K. Baxter

Signature: William K. Baxter

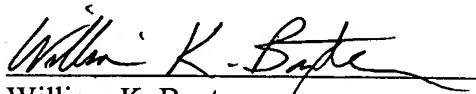
**IN THE UNITED STATES RECEIVING OFFICE****PCT PATENT APPLICATION**

Applicants : TOMOTHERAPY INCORPORATED et al.  
International Application No.: Not yet assigned  
International Filing Date : 28 November 2003  
Title : AMORPHOUS SELENIUM DETECTOR FOR  
TOMOTHERAPY AND OTHER IMAGE-  
GUIDED RADIOTHERAPY SYSTEMS

**STATEMENT EXPLAINING LACK OF SIGNATURE**

The undersigned is the Agent for Applicants, Tomotherapy Incorporated et al., for purposes of the present international patent application. Because of time constraints, the undersigned agent was unable to obtain the appropriate signatures on power of attorneys for Applicant Tomotherapy Incorporated, and Applicants and Inventors, Guang Y. Fang, Thomas R. Mackie, David A. Spence, and Brent Harper. Such powers of attorney will be forthcoming in response to the PCT Invitation to Correct Defects in the International Application (PCT Article 14(1) and Rule 26). The undersigned represents that he has the necessary authority to undertake this filing on behalf of the Applicants.

28 November 2003  
Date

  
William K. Baxter  
Registration No. 41,606  
GODFREY & KAHN, S.C.  
780 North Water Street  
Milwaukee, WI 53202-3590  
Tel.: 414-273-3500  
Fax: 414-273-5198  
Email: wbaxter@gklaw.com

## GENERAL POWER OF ATTORNEY

(for several international applications filed under the Patent Cooperation Treaty)

(PCT Rule 90.5)

The undersigned person(s) :

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

TOMOTHERAPY INCORPORATED  
1240 Deming Way  
Madison, Wisconsin 53717-1954  
United States of America

hereby appoint(s) the following person as:

☒ agent☐ common representative

Name and address

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

BAXTER, William K.  
GODFREY & KAHN, S.C.  
780 N. Water Street  
Milwaukee, Wisconsin 53202  
United States of America

to represent the undersigned before

☒ all the competent International Authorities☐ the International Searching Authority only☐ the International Preliminary Examining Authority only

in connection with any and all international applications filed by the undersigned with the following Office:

United States Receiving Office

as receiving Office

and to make or receive payments on behalf of the undersigned.

Signature(s) (where there are several persons, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading this power):



Gustavo Olivere  
Scientific Director

Date:

March 8 2002



## POWER OF ATTORNEY

*(for an international application filed under the Patent Cooperation Treaty)*

(PCT Rule 90.4)

The undersigned applicant(s) *(Names should be indicated as they appear in the request):*

FANG, Guang Y.  
2 Naylor Circle  
Madison, Wisconsin 53719  
United States of America

hereby appoints (appoint) the following person as:



agent



common representative

**Name and address***(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)*

BAXTER, William K.  
GODFREY & KAHN, S.C.  
780 N. Water Street  
Milwaukee, Wisconsin 53202  
United States of America

to represent the undersigned before



all the competent International Authorities



the International Searching Authority only



the International Preliminary Examining Authority only

in connection with the international application identified below:

**Title of the invention:** AMORPHOUS SELENIUM DETECTOR FOR TOMOTHERAPY AND  
OTHER IMAGE-GUIDED RADIOTHERAPY SYSTEMS

**Applicant's or agent's file reference:** 066744-0028

**International application number (if already available):**

filed with the following Office United States Receiving Office as receiving Office  
and to make or receive payments on behalf of the undersigned.

**Signature of the applicant(s)** *(where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):*

By: \_\_\_\_\_

Guang Y. Fang

Date: \_\_\_\_\_

## POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4)

The undersigned applicant(s) (Names should be indicated as they appear in the request):

MACKIE, Thomas R.  
7763 Solstice Court  
Verona, Wisconsin 53593  
United States of America

hereby appoints (appoint) the following person as:



agent



common representative

**Name and address**

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

BAXTER, William K.  
GODFREY & KAHN, S.C.  
780 N. Water Street  
Milwaukee, Wisconsin 53202  
United States of America

to represent the undersigned before



all the competent International Authorities



the International Searching Authority only



the International Preliminary Examining Authority only

in connection with the international application identified below:

Title of the invention: AMORPHOUS SELENIUM DETECTOR FOR TOMOTHERAPY AND  
OTHER IMAGE-GUIDED RADIOTHERAPY SYSTEMS

Applicant's or agent's file reference: 066744-0028

International application number (if already available):

filed with the following Office United States Receiving Office as receiving Office  
and to make or receive payments on behalf of the undersigned.

Signature of the applicant(s) (where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):

By:

Thomas R. Mackie

Date:

**POWER OF ATTORNEY***(for an international application filed under the Patent Cooperation Treaty)**(PCT Rule 90.4)*

The undersigned applicant(s) *(Names should be indicated as they appear in the request):*

SPENCE, David A.  
W28776 Vernon Drive  
Hartland, Wisconsin 53029  
United States of America

hereby appoints (appoint) the following person as:



agent



common representative

**Name and address**

*(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)*

BAXTER, William K.  
GODFREY & KAHN, S.C.  
780 N. Water Street  
Milwaukee, Wisconsin 53202  
United States of America

to represent the undersigned before



all the competent International Authorities



the International Searching Authority only



the International Preliminary Examining Authority only

in connection with the international application identified below:

**Title of the invention:** AMORPHOUS SELENIUM DETECTOR FOR TOMOTHERAPY AND  
OTHER IMAGE-GUIDED RADIOTHERAPY SYSTEMS

**Applicant's or agent's file reference:** 066744-0028

**International application number (if already available):**

filed with the following Office United States Receiving Office as receiving Office  
and to make or receive payments on behalf of the undersigned.

**Signature of the applicant(s)** *(where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):*

By:

David A. Spence

Date:

**POWER OF ATTORNEY***(for an international application filed under the Patent Cooperation Treaty)***(PCT Rule 90.4)**

The undersigned applicant(s) *(Names should be indicated as they appear in the request)*:

HARPER, Brent  
20 Winie Avenue  
Prairie du Sac, Wisconsin 53578  
United States of America

hereby appoints (appoint) the following person as:



agent



common representative

**Name and address**

*(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)*

BAXTER, William K.  
GODFREY & KAHN, S.C.  
780 N. Water Street  
Milwaukee, Wisconsin 53202  
United States of America

to represent the undersigned before



all the competent International Authorities



the International Searching Authority only



the International Preliminary Examining Authority only

in connection with the international application identified below:

**Title of the invention:** AMORPHOUS SELENIUM DETECTOR FOR TOMOTHERAPY AND  
OTHER IMAGE-GUIDED RADIOTHERAPY SYSTEMS

**Applicant's or agent's file reference:** 066744-0028

**International application number (if already available):**

filed with the following Office United States Receiving Office as receiving Office  
and to make or receive payments on behalf of the undersigned.

**Signature of the applicant(s)** *(where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading the request or this power):*

By:

Brent Harper

Date: